| Index of Claims                         |           |             |           |          |           |                 |        |         |    |              |              |         |              |                                       |             |           |              |              |            |               |            | Reexamination |                  |       |          |           |           |         |          |
|---|-----------|-------------|-----------|----------|-----------|-----------------|--------|---------|----|--------------|--------------|---------|--------------|---------------------------------------|-------------|-----------|--------------|--------------|------------|---------------|------------|---------------|------------------|-------|----------|-----------|-----------|---------|----------|
|   |           |             |           |          |           |                 |        |         |    |              |              |         | 1            | 10/722,691                            |             |           |              |              |            |               |            |               | INDECK ET AL.    |       |          |           |           |         |          |
|   |           |             |           |          |           |                 |        |         |    |              |              |         |              | Examiner                              |             |           |              |              |            |               |            |               | Art Unit         |       |          |           |           |         |          |
|   |           |             |           |          |           |                 |        |         |    |              |              |         | 1.           | JEAN B. FLEURANTIN                    |             |           |              |              |            |               |            |               | 2162             |       |          |           |           |         |          |
| <br>                                    |           |             |           |          |           |                 |        |         | _  |              |              |         | 1.0          | · · · · · · · · · · · · · · · · · · · |             |           |              |              |            |               |            | 12102         |                  |       |          |           |           |         |          |
|   | •         | $\prod_{i}$ | D.        |          |           | 1               | Γ      | Ī       | (1 | hrou         | ıgh nı       | ıme     | ral)         | al) Non E                             |             |           |              |              |            | and a         | 7          | П             | Appeal           |       |          |           |           |         |          |
| ✓ Rejected – (Fireugh numeral Cancelled |           |             |           |          |           |                 |        |         |    |              |              |         | ا            | N                                     | Non-Elected |           |              | _            | Α          | whisai        |            |               |                  |       |          |           |           |         |          |
| = Allowed + Restricted                  |           |             |           |          |           |                 |        |         |    |              | I Interferer |         |              |                                       |             |           | nce          |              | O Objected |               |            |               | ed               |       |          |           |           |         |          |
| T Resulting                             |           |             |           |          |           |                 |        |         |    |              |              |         |              |                                       |             |           |              |              | _          | Ш             |            |               |                  |       |          |           |           |         |          |
| CI                                      | aim       | Date        |           |          |           |                 |        |         | ٦  | Claim        |              |         |              |                                       | Date        |           |              | ٦            | Claim      |               | Γ          |               | Date             |       |          |           |           | ٦       |          |
|   | <u>-</u>  | П           | Π,        | ,        | Τ         | П               | T      | Т       | 1  |              | ā            |         | 2            |                                       | T           |           | 1            | T            | 7          |               |            | П             |                  | Τ     |          |           |           |         | 1        |
| Final                                   | Original  |             | 1         | COST     |           |                 |        |         |    | Final        | Original     |         | 7/12/05      |                                       | ŀ           | 1         |              |              |            | Final         | Original   |               |                  |       |          |           |           |         |          |
|   | 0         |             | ,         |          |           |                 |        |         | ╛  |              | 1i           |         | 12           |                                       |             |           | $\perp$      |              | ╛          | Ľ             |            |               |                  |       |          |           |           |         |          |
| -                                       | -         | Н           | $\dashv$  | +        | +-        | $\vdash$        | +      | +       | 4  |              | \$2          | +       |              | Н                                     | $\neg$      | 4         | 4            | +            | $\exists$  | _             | 101        | $\Box$        | $\dashv$         | +     |          |           |           |         | -        |
| $\vdash$                                |           | Н           | $\dashv$  | +        |           | H               | +      | +       | 1  |              | 253          | +       | 1            | H                                     | $\dashv$    | +         | +            | 十            | 4          | $\vdash$      | 103        | Н             | $\dashv$         | +     |          | Н         |           | +       | 1        |
|   |           |             | $\Box$    | Ŧ        | I         | П               | 7      | 1       | 7  |              | 54           | T       | П            | $\Box$                                | $\Box$      | コ         | $\exists$    | 7            | ]          |               | 104        |               | 7                | T     |          |           |           | 1       | 1        |
| $\vdash$                                | 8         | Н           | +         | +        | +         | H               | +      | +       | -  | $\vdash$     | 55<br>58     | 4       | Н            | Н                                     | ┥           | $\dashv$  | $\dashv$     | +            | ┨          | $\vdash$      | 105<br>108 | Н             | +                | ╫     | $\vdash$ | Н         | $\dashv$  | +       | 4        |
|   | 7         |             | 丰         | 丰        |           |                 | 1      | 工       | 1  |              | 57           |         | Ш            |                                       |             | コ         | _            |              | 1          |               | 107        |               | 土                | 土     |          |           |           | 土       | 1        |
| <u> </u>                                | 8         |             | +         | ╁        | ╀         | $\vdash \vdash$ | +      | +       | 4  | -            | 58<br>59     | +       | $\mathbf{H}$ | Н                                     | $\dashv$    | -         | -            | +            | 4          | $\vdash$      | 108        |               | - -              | +     | -        | Н         | _         | +       | -        |
|   | 96        |             |           | it       |           |                 | 1      |         | 1  |              | 60           |         | ††           | Н                                     |             | 寸         | 1            | +            | 1          | $\vdash$      | 110        |               | 十                | +     | $\vdash$ | Н         | $\dashv$  | +       | ┪        |
|   | 11        |             | $\perp$   | Щ.       |           | П               | T      | T       | ]  |              | 61           | 1       | П            |                                       | $\Box$      | $\Box$    | $\Box$       | Ţ            | 7          | $\sqsubseteq$ | 111        |               | 1                | T     |          |           |           | $\perp$ | ]        |
|   | 13        | Η           | +         | ╂╴       | ╁         | H               | +      | ┿       | -  |              | 62<br>63     | +       | Н            | Н                                     | $\dashv$    | ┥         | $\dashv$     | +            | ┨          | H             | 113        | 7             | +                | ╁     | H        | Н         | $\dashv$  | +       |          |
|   | 14        |             | $\perp$   | 匚        |           |                 | 工      |         | 1  |              | 64           | 上       |              |                                       |             |           | 1            | 士            | ]          |               | 114        | П             | 士                | 上     |          |           |           |         | <b>_</b> |
| $\vdash$                                | 15<br>16  | Н           | +         | ₩        | $\vdash$  | ╟┼              | +      | ╬       | ┨  | <u> </u>     | 65<br>66     | +       | Н            | $\dashv$                              | +           | +         | +            | +            | -          | $\vdash$      | 115<br>116 | Н             | <del>-</del> -}- | - -   | $\vdash$ | Н         | $\dashv$  | +       | 4        |
|   | 17        |             | 士         | ഥ        |           |                 | 土      | 士       | 1  |              | 67           | 士       | $\coprod$    |                                       | $\exists$   | $\pm$     | $\exists$    | $\pm$        | 1          |               | 117        | П             | $\pm$            | $\pm$ |          |           |           |         | -        |
| -                                       | 10        | Н           | 4.        | ₩-       | $\vdash$  |                 | 4      | $\bot$  | 4  |              | 68<br>69     | 1       | П            |                                       | $\dashv$    | 4         | 4            | $\downarrow$ | ╕,         |               | 1,18,      |               | _                | •     |          |           |           |         | 1        |
|   | 200       | Н           | Ť         | +        | $\vdash$  | $\vdash$        | +      | +       | ┨  | $\vdash$     | 70           | +       | Н            |                                       | $\dashv$    | +         | $\dashv$     | +            | $\dashv$   | $\vdash$      | 119        | Н             | +                | +     | Н        | Н         | $\dashv$  | +       | -        |
|   | 20        |             | 7         | T        | $\Box$    | $\Box$          | Ţ      | I       | ]  |              | 71           | I       | П            |                                       | $\Box$      | 4         | $\Box$       | 工            | ]          |               | 121        | $\Box$        | $\blacksquare$   | 工     |          |           |           |         | ]        |
| $\vdash$                                | 22<br>23  | Н           | +         | +        | ╁         | +               | +      | +       | -  | $\vdash$     | 72<br>73     | +       | Н            |                                       | ┥           | +         | +            | +            | -          | -             | 122<br>123 | H             |                  | ╁     | Н        | $\vdash$  | $\dashv$  | +       | 4        |
|   | 24        |             |           |          |           | $\Box$          | 1      |         | 1  |              | 74           |         | Ш            |                                       | 1           | 1         | 1            | 土            | 1          |               | 124        |               |                  |       |          |           |           | 士       | 1        |
| $\vdash$                                | <b>75</b> | $\vdash$    | +         | ╫        | -         | -               | +      | +       | ┨  | <u> </u>     | 75<br>76     | +       | Ш            | $\dashv$                              | +           | +         | $\dashv$     | +            | -          |               | 125<br>126 | $\square$     | 4                | -     |          |           | ·         | $\bot$  | 4        |
|   | 26<br>27  |             | 士         | 士        |           | $\Box$          | $\pm$  | +       | 1  | 6            | 77           | +       | Н            | 1                                     | +           | $\dashv$  | +            | +            | 1          | $\vdash$      | 127        | Н             | +                | +     | Н        | Н         | $\dashv$  | ╁       | 1        |
|   | 28<br>29  |             | $\mp$     | 1        | П         |                 | Ŧ      | 4       | 7  |              | 78           | $\perp$ | Ш            | $\Box$                                | $\Box$      | $\Box$    | $\Box$       | #            | 7          |               | 128        | П             | 1                |       |          |           | $\Box$    | I       | 1        |
|   | 30        | $\dashv$    | +         | ╫        | Н         | $\dashv$        | ┿      | ╫       | 1  | -            | 79<br>80     | +       | ╁╁┨          | $\dashv$                              | $\dashv$    | +         | +            | +            | ┨          | $\vdash$      | 129<br>130 | $\vdash$      | +                | +     | $\vdash$ | Н         | $\dashv$  | +       | ┥        |
|   | 3         | $\Box$      | 1         | 1        |           |                 | #      |         | 1  |              | 81           | #       | V            | $\Box$                                | 1           | 1         | #            | 士            | 1          |               | 131        | 口             | 丰                | 上     |          |           |           |         | 1        |
| -                                       | 32<br>33  | $\dashv$    | ٠,        | +        | $\vdash$  | $\dashv$        | ╀      | ╀       | -  | $\vdash$     | 82<br>83     | +       | Н            | -                                     | +           | +         | +            | +            | -          | $\vdash$      | 132        | H             | +                | ╀     | Н        | $\dashv$  | -         | +       | 4        |
| -                                       | 340       |             |           |          |           |                 | 士      | 土       | 1  |              | 84           |         |              |                                       |             | $\exists$ | $\exists$    | $\pm$        | 1          |               | 134        | Н             | ┪.               | ╁     | Н        | $\vdash$  | $\dashv$  | ╫       | ·        |
|   | 35<br>36  | $\dashv$    | +,        | <b>H</b> |           | $\perp$         | $\bot$ | $\perp$ | 4  |              | 85           | $\bot$  |              | $\Box$                                | $\Box$      | Ţ         | $\downarrow$ | $\bot$       | 7          |               | 135        |               | $\perp$          | T     |          |           | $\Box$    |         | ]        |
|   | 37        | $\forall$   | +         | +        | Н         | +               | +      | +       | 1  |              | 86           | ╁       | Н            | $\dashv$                              | +           | +         | 十            | +            | $\dashv$   | $\vdash$      | 136<br>137 | Н             | ┿                | ╁     | Н        | Н         | $\dashv$  | +       | 4        |
|   | 33        |             | 1         |          |           |                 |        | 1       | 1  |              | 68           |         |              |                                       |             | 1         | 1            | 1            | 1          |               | 138        | 口             |                  |       |          |           |           | 土       |          |
| Н                                       | <b>39</b> | $\dashv$    | ٠+,       | , -      | Н         | $\dashv$        | +      | ╀       | -  | <u> </u>     | 89<br>90     | +       | Н            | -                                     | 4           | 4         | 4            | +            | 4          | _             | 139        | Н             | 4                | Į.    | Ц        |           | $\dashv$  | $\perp$ | -        |
|   | 41        |             | 1         |          | Н         | +               | +      | +       | 1  | -            |              | +       | Н            | $\dashv$                              | ᆉ           | +         | +            | ╁            | -          | <b> </b>      | 140        | Н             | ╅                | ╁╌    | Н        | $\dashv$  | $\dashv$  | ╌       | -        |
|   | 42        | $\Box$      | 丰         | Ŧ        |           | T               | Ŧ      | T       | 1  |              | 92           | Ţ       |              | $\sqsupset$                           | 1           | 1         | #            | 1            | 7          |               | 142        | 口             | ightharpoons     | Ţ     | П        |           | コ         | 丰       | ]        |
| $\vdash\vdash$                          | 43 44     | -           | +         | +        | Н         | -               | +      | +       | 1  | <del> </del> | 93<br>94     | +       | Н            | $\dashv$                              | +           | +         | +            | +            | 4          | $\vdash$      | 143        | ╀             | +                | +-    | H        | $\vdash$  | $\dashv$  | +       | -        |
|   | 45        | $\Box$      | 工         | I        | $\square$ | 二               | 1      | 上       | 1  |              | 95           |         |              | ╛                                     | 士           | #         | <u>コ</u>     | 士            |            |               | 145        | ㅂ             | 士                | 土     | H        |           | _         | 士       | <u> </u> |
| $\vdash\vdash$                          | 46        | +           | +         | +        | H         | +               | +      | +       | -  | <u> </u>     | 96<br>97     | +       | H            | $\dashv$                              | 4           | 4         | 4            | +            | 4          | <b>—</b>      | 146        | $\Box$        | $\bot$           | F     | П        | $\Box$    | $\exists$ | $\perp$ | ]        |
|   | 48        |             | 土         | İ        | 口         | 士               | 士      | 土       | 1  |              | 98           | 土       |              | Ⅎ                                     | _           |           | 士            | +            | _          |               | 148        | $\vdash$      | +                | +-    | Н        | $\forall$ | +         | +       | 1        |
| $\square$                               | 50<br>50  | $\dashv$    | $-\Gamma$ | +        | $\Box$    | $-\Gamma$       | Ŧ      | Ŧ       | -  |              | 99<br>100    | Ŧ       | П            | 7                                     | 7           | $\dashv$  | Ţ            | 7            | 7          |               | 149        | П             | 4                | T     |          |           | コ         | 1       | · .      |
| , 1                                     | NO 1      | - 1         |           | 4        | 1 1       |                 | 1      |         |    |              | 1001         |         | . 1          | - 1                                   | ł           |           |              | 1            |            |               | 1 120      | . 1           |                  |       |          | . 1       | - 1       |         |          |

Application/Control No.

Applicant(s)/Patent under